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Kathleen Spina (Depositor's name)
Kathleen Spina (Signature)
March 9, 2007 (Date)

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 10/804,431 | 03/19/2004 | Xinbing Liu | MATB-404US | 7208 |

TITLE OF INVENTION: PROCESS AND APPARATUS FOR FORMING DISCRETE MICROCAVITIES IN A FILAMENT WIRE USING A POLYMER ETCHING MASK

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE DUE | PUBLICATION FEE DUE | PREV. PAID ISSUE FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|---------------|---------------------|----------------------|------------------|------------|
| nonprovisional | NO | \$1400 | \$300 | \$0 | \$1700 | 04/10/2007 |
| EXAMINER | | ART UNIT | CLASS-SUBCLASS | | | |
| MOORE, KARLA A | | 1763 | 216-041000 | \$1,730 | | |

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 RatnerPrestia

2

3

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PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

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(B) RESIDENCE: (CITY and STATE OR COUNTRY)

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Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

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☒ Publication Fee (No small entity discount permitted)
☒ Advance Order - # of Copies \$30

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- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature

Lowell L. Carson
Lowell L. Carson

Date March 9, 2007

Typed or printed name

Registration No. 48, 548

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T-674 P.001/005 F-284



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DATE: March 9, 2007

TIME: _____

| | | |
|---|--|------------------------------|
| TO: Commissioner for Patents -Mail Stop Issue Fee | | FAX NO.: 571-273-2885 |
| FROM: Lowell Carson | | ADMIN. ASST.: Kathleen Spina |
| APPLN. NO.: 10/804,431 | | ATTY. DOCKET NO.: MATB-404US |
| TITLE OF APPLN.: : PROCESS AND APPARATUS FOR FORMING DISCRETE MICROCAVITIES IN A FILAMENT WIRE USING A POLYMER ETCHING MASK | | |
| FILING DATE: March 19, 2004 | | ART UNIT: 1763 |
| FIRST INVENTOR: Xinbing Liu | | CONF. NO.: 7208 |
| TITLE OF DOCUMENT (and List of Attachments): Issue Fee/ Publication Fees Payment | | |
| Transmittal Sheet (1 pg.); PTO-2038 (1 pg.); Part B- Fee(s) Transmittal (original and duplicate 2 pgs.). | | |

Total Number of Pages: 5 (including this form)

COMMENTS

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T-674 P.002/005 F-284

PTO/SB/21 (08-04) (AW 10/2004)
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**TRANSMITTAL
FORM**

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Total Number of Pages in This Submission 5

| | |
|----------------------|-----------------|
| Application Number | 10/804,431 |
| Filing Date | March 19, 2004 |
| First Named Inventor | Xinbing Liu |
| Art Unit | 1763 |
| Examiner Name | Moore, Karla A. |
| Attorney Docket No. | MATB-404US |

ENCLOSURES (Check all that apply)

- ☐ Fee Transmittal Form
- ☐ Fee Attached
- ☐ Amendment/Reply
 - ☐ After Final
 - ☐ Affidavits/Declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/
Incomplete Application
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under 37 CFR 1.52 or 1.53

- ☐ Drawing(s)
- ☐ Licensing-related Papers
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- ☐ Petition to Convert to a
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| Firm Name | RatnerPrestia |
| Signature | |
| Printed Name | Lowell L. Carson |
| Date | March 9, 2007 |

Registration No. 48,548

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I hereby certify that this correspondence is being facsimile transmitted 571-273-2885 to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

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| Signature | | Date | March 9, 2007 |
| Typed or Printed Name | Kathleen Spina | | |

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